

Figure 1

Table 2A

SP 0	SP 4	C 8	C 12	C 16	C 20	C 24	C 28
R 1	SP 5	C 9	C 13	C 17	C 21	C 25	C 29
R 2	SP 6	SP 10	SP 14	SP 18	C 22	C 26	C 30
SP 3	SP 7	R 11	R 15	SP 19	C 23	C 27	C 31
C 32	SP 36	SP 40	SP 44	SP 48	C 52	C 56	C 60
C 33	C 37	C 41	C 45	C 49	C 53	C 57	C 61
C 34	C 38	C 42	C 46	C 50	C 54	C 58	C 62
C 35	C 39	C 43	C 47	C 51	C 55	C 59	C 63

Figure 2A

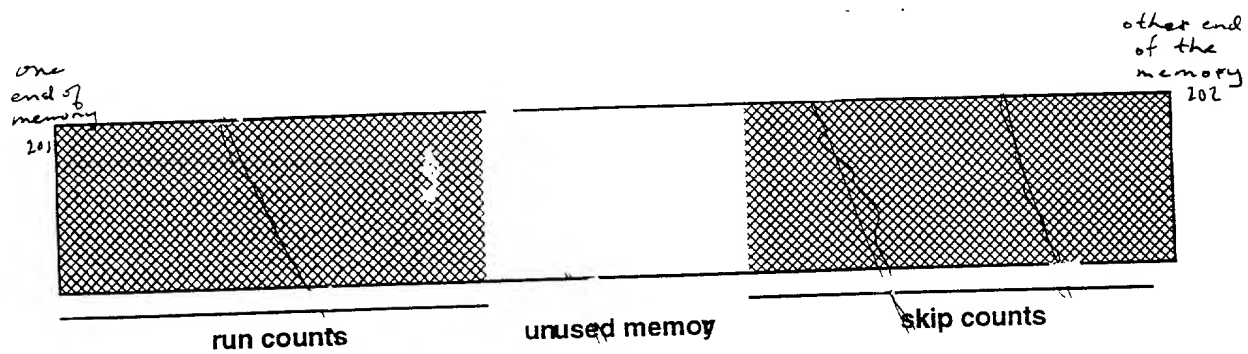


Figure 2B

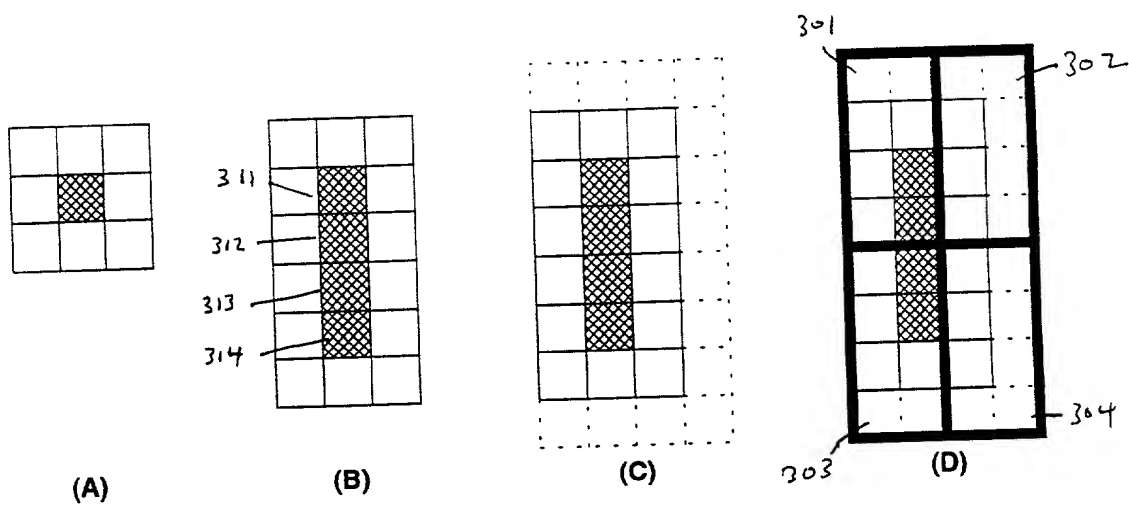
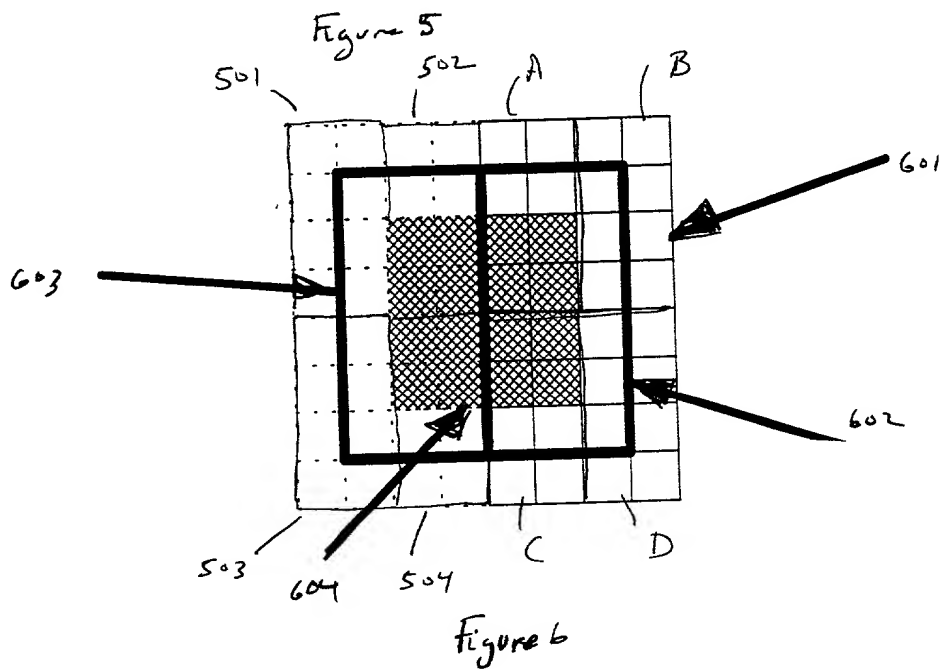
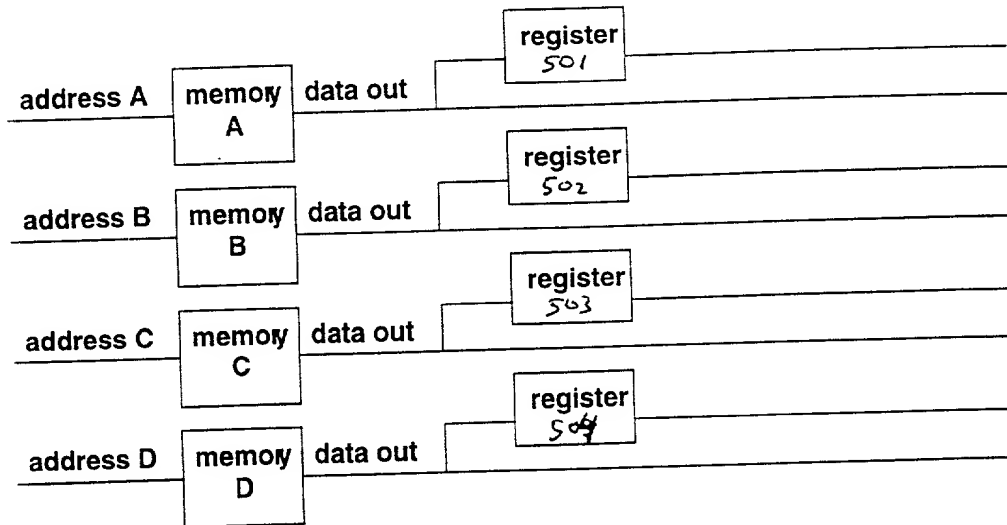


Figure 3

	0	1	2	3	4	5	6	7
0	A	B	A	B	A	B	A	B
1	C	D	C	D	C	D	C	D
2	A	B	A	B	A	B	A	B
3	C	D	C	D	C	D	C	D
0	A	B	A	B	A	B	A	B

Figure 4



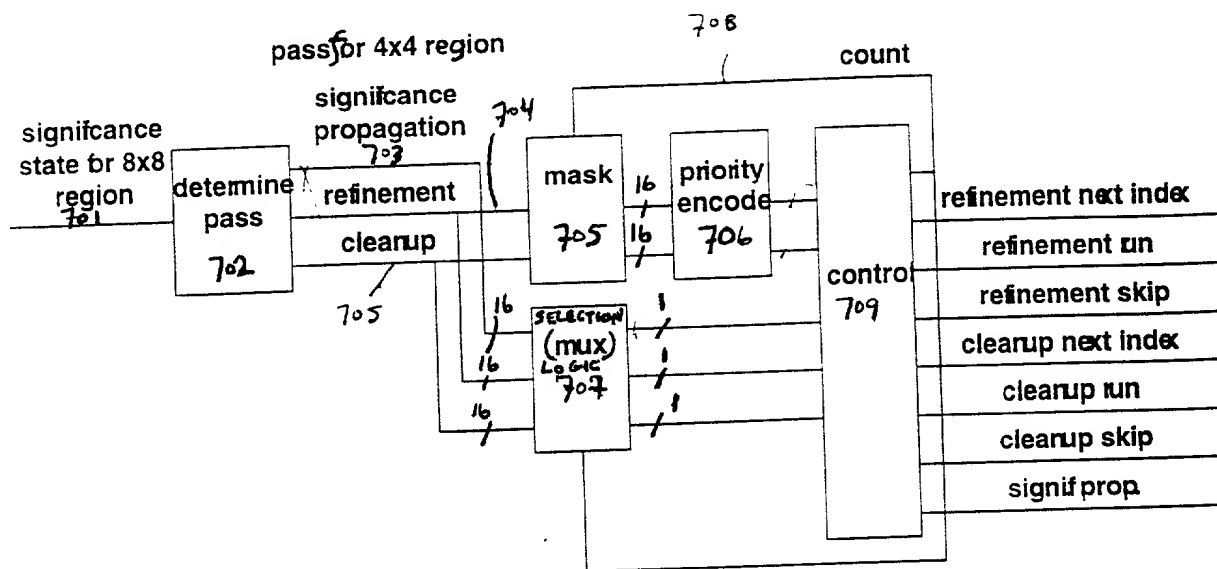


Figure 7

SP	SP	SP	SP
C	C	C	C
SP	SP	SP	SP
SP	R	R	SP

SP = significance propagation
C = cleanup
R = refinement

SP pass: 10*2 for SP pass coefficients
6 for C and R pass coefficients
C pass: 4*2 for C pass coefficients
R pass: 2 for R pass
total: 36 clocks = 2.25 clocks per coefficient

Figure 8

	0	1	2	3
0	A	A	A	A
1	B	B	B	B
2	A	A	A	A
3	B	B	B	B
0	A	A	A	A

Figure 9

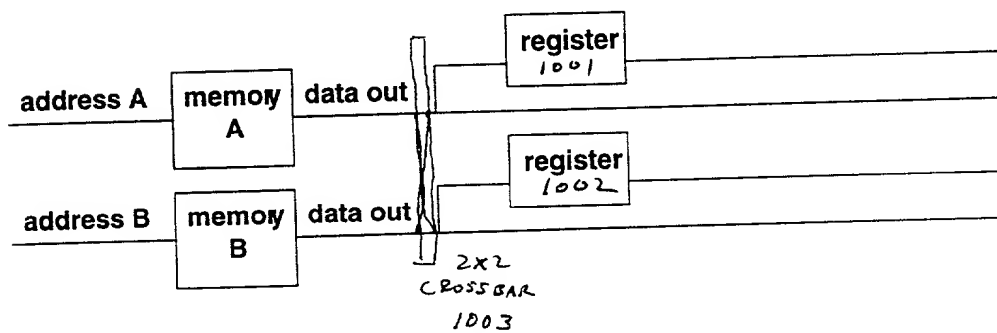


Figure 10

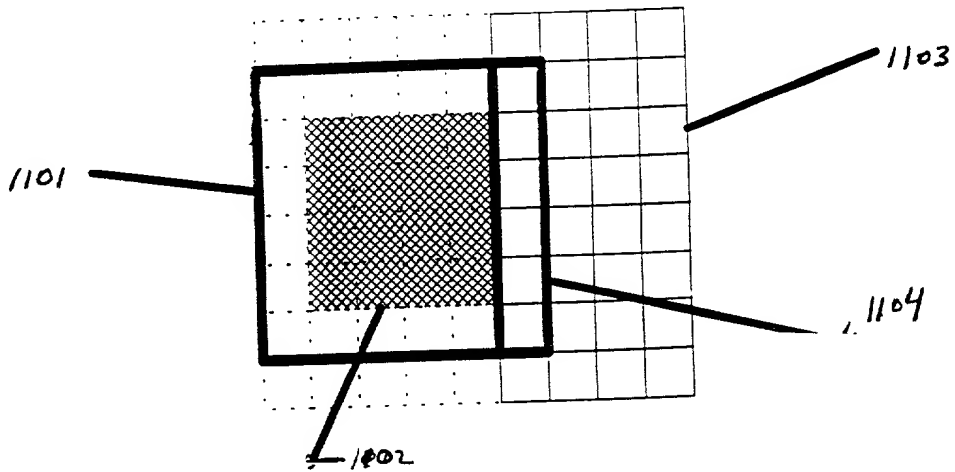


Figure 11

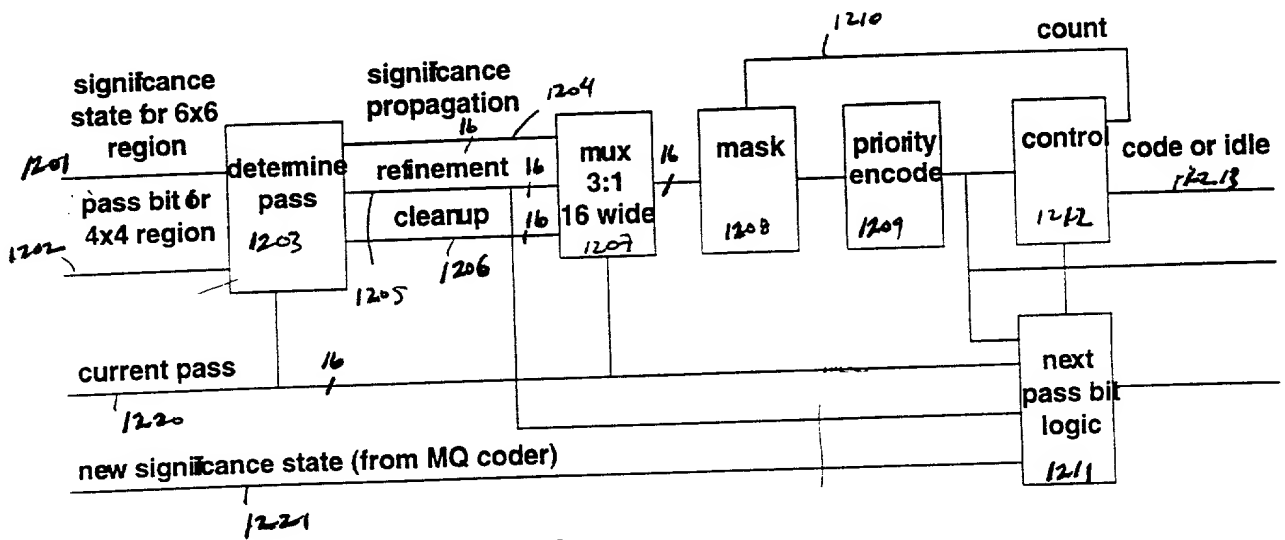


Figure 12

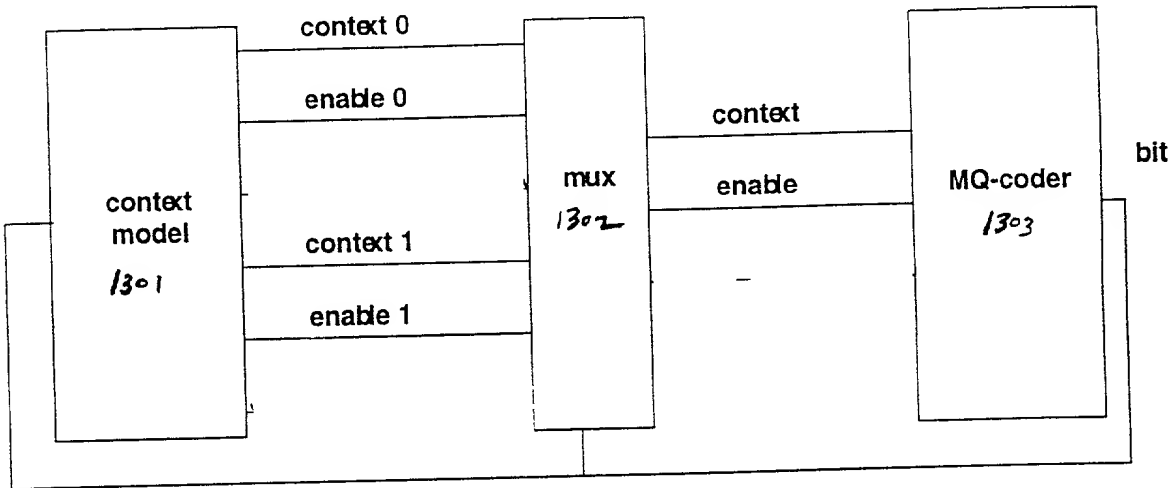


Figure 13

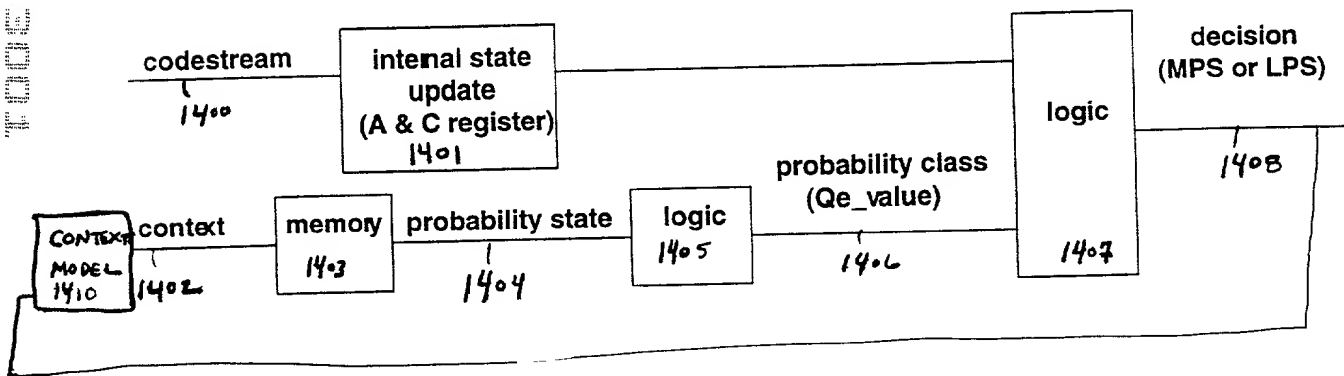


Figure 14A

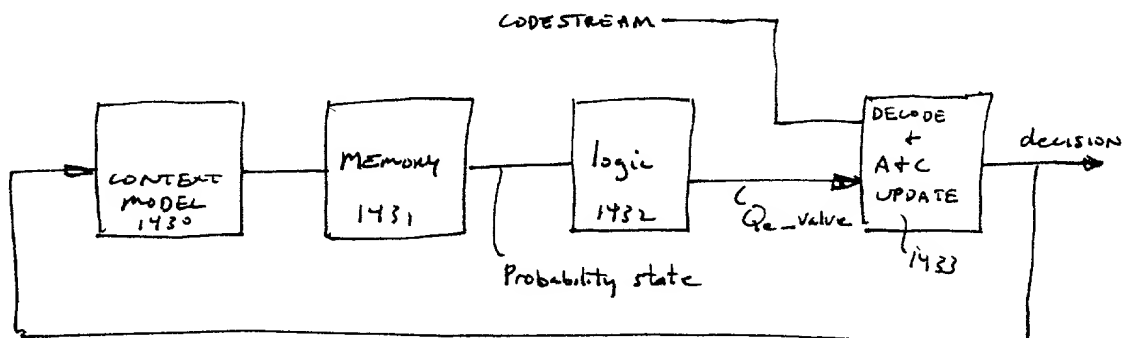


Figure 14B.

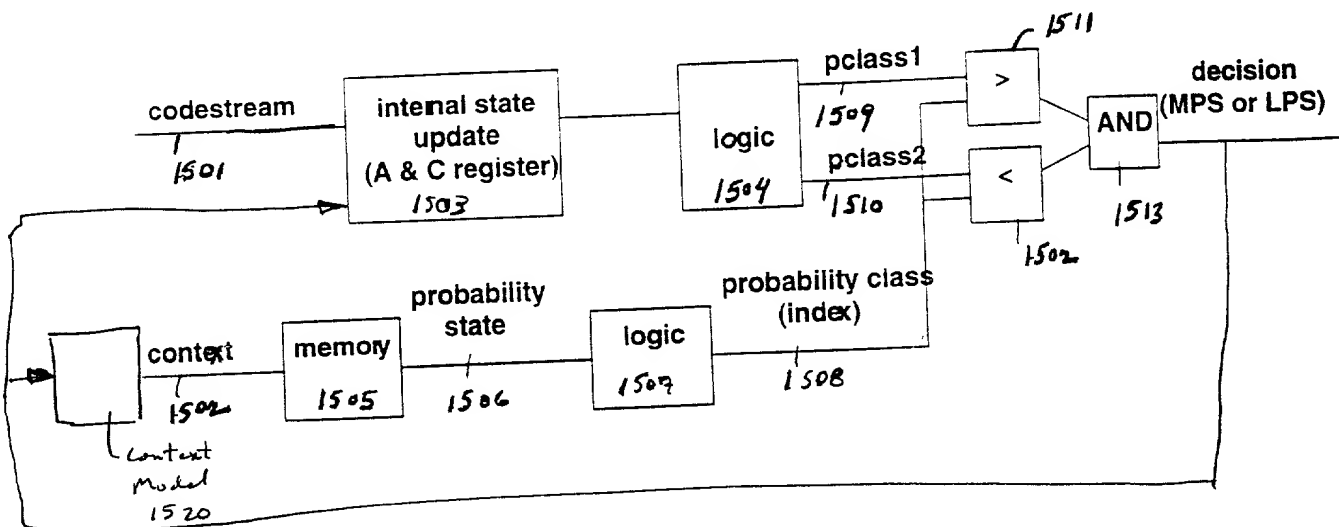


Figure 15

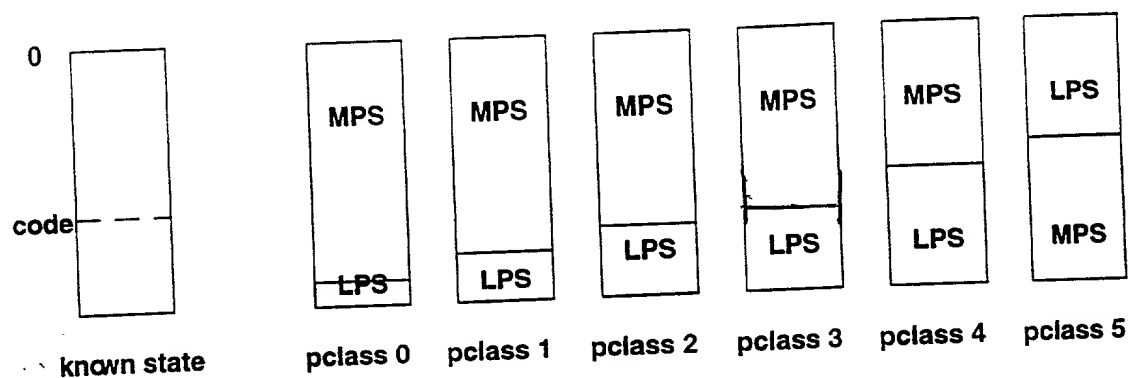


Figure 16A

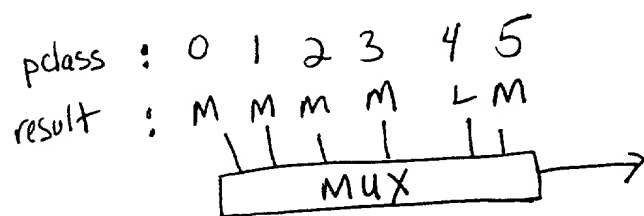


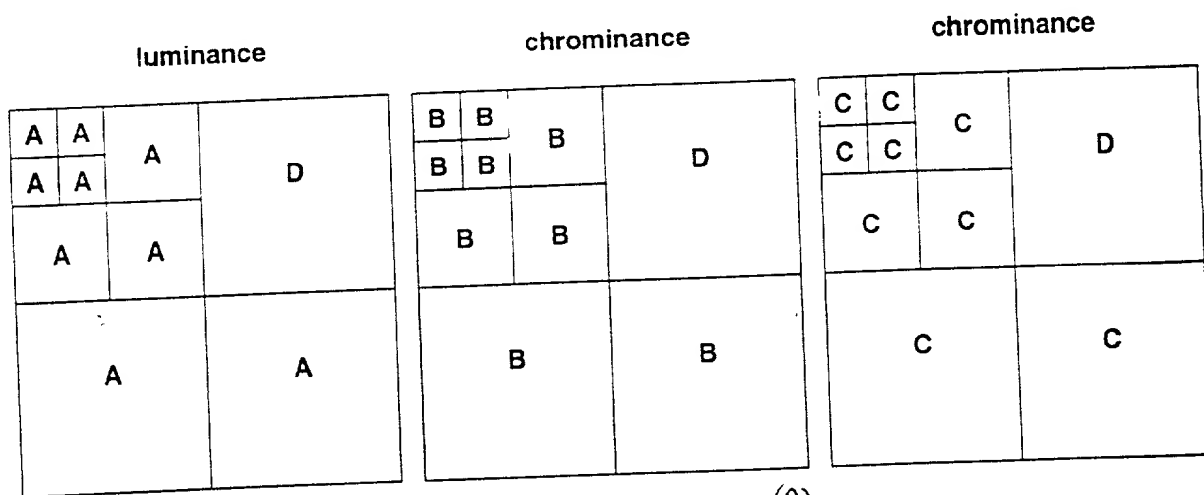
Figure 16B

5MPS
4 MPS
3 MPS
2 MPS
1 MPS
LPS

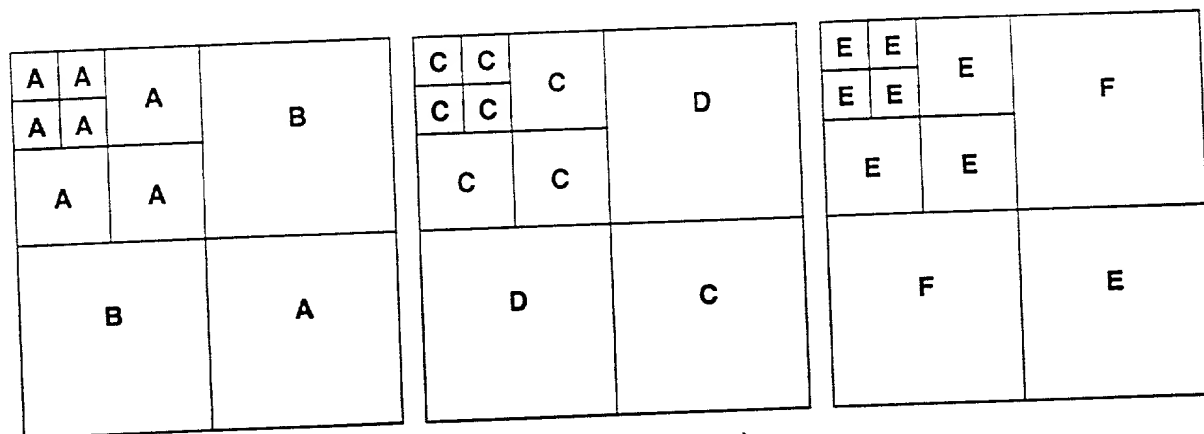
Figure 17

TOO GOOD TO BE TRUE

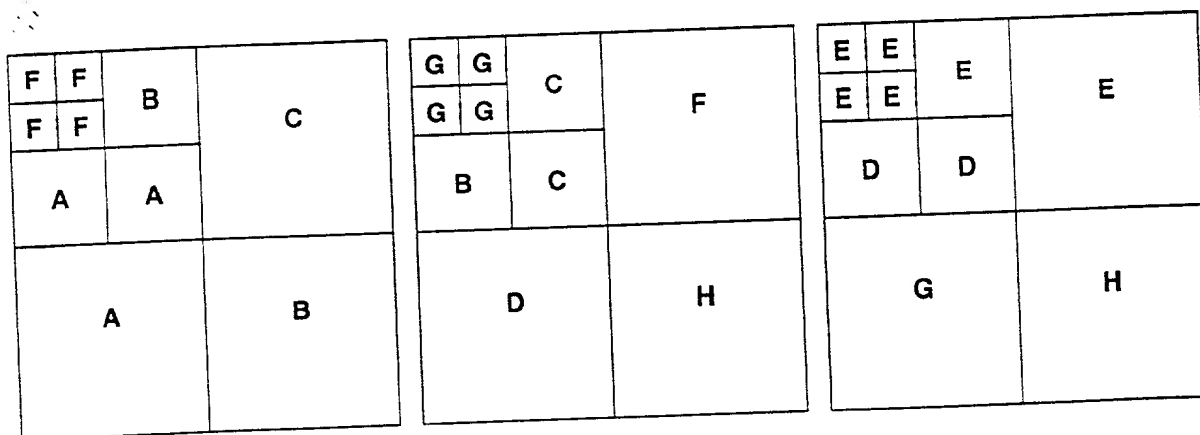
FOUO "SECRET"



(A)



(B)



(C)

Figure 18

100860 6648360

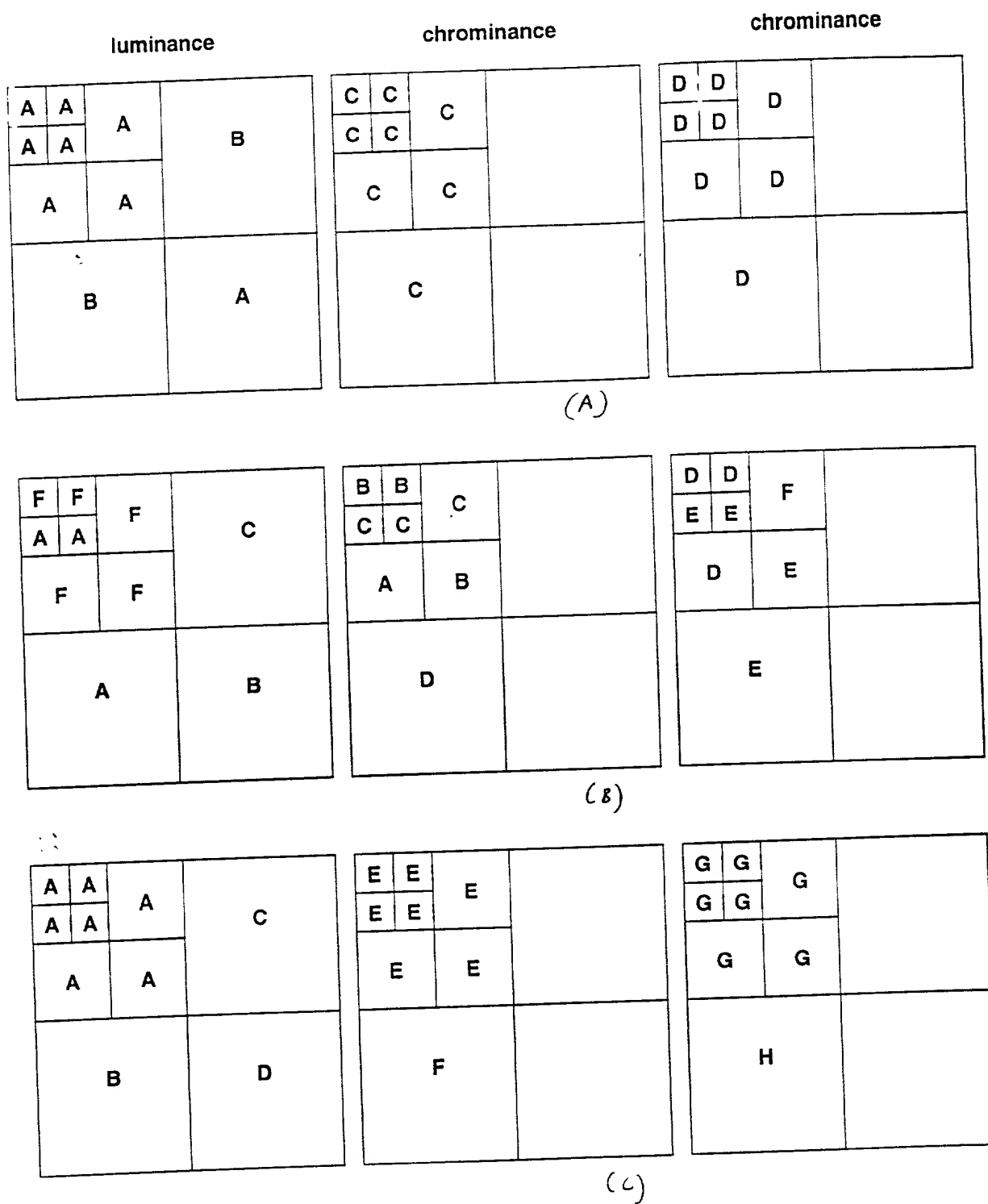


Figure 19

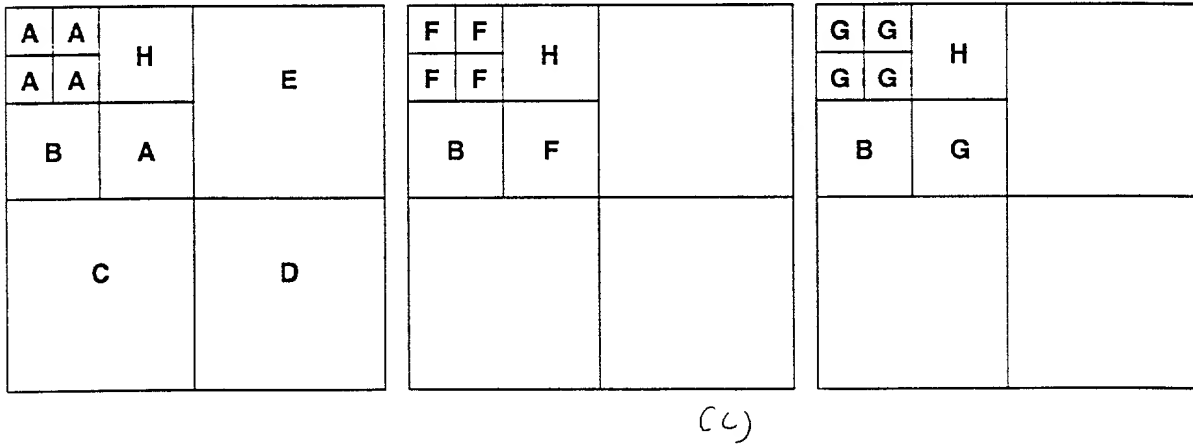
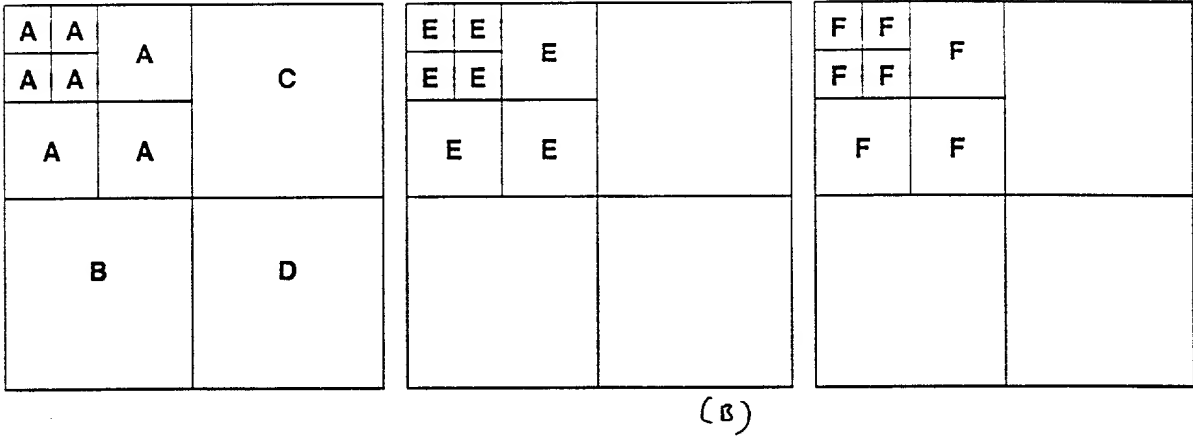
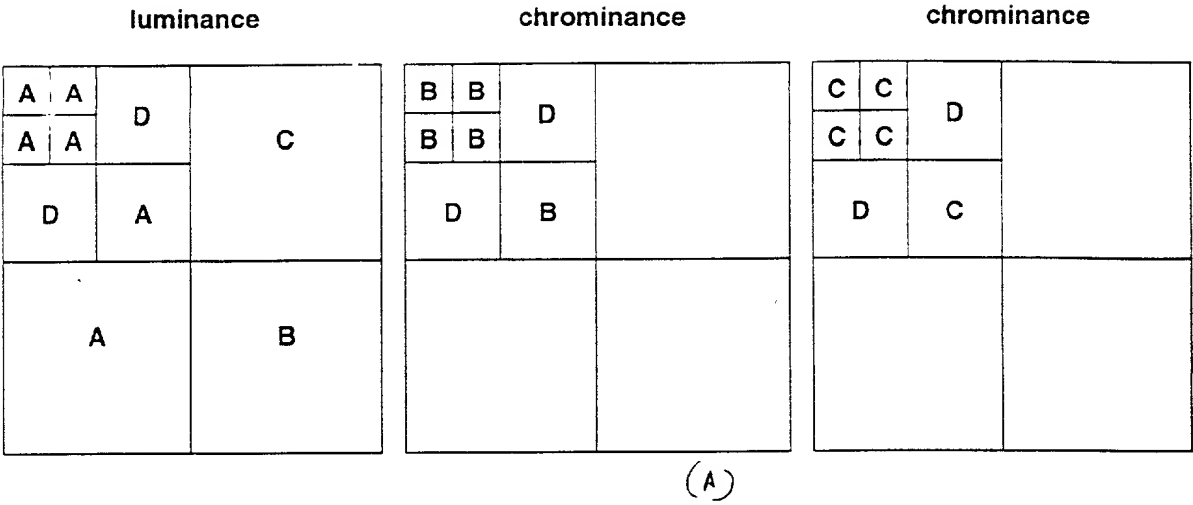


Figure 20

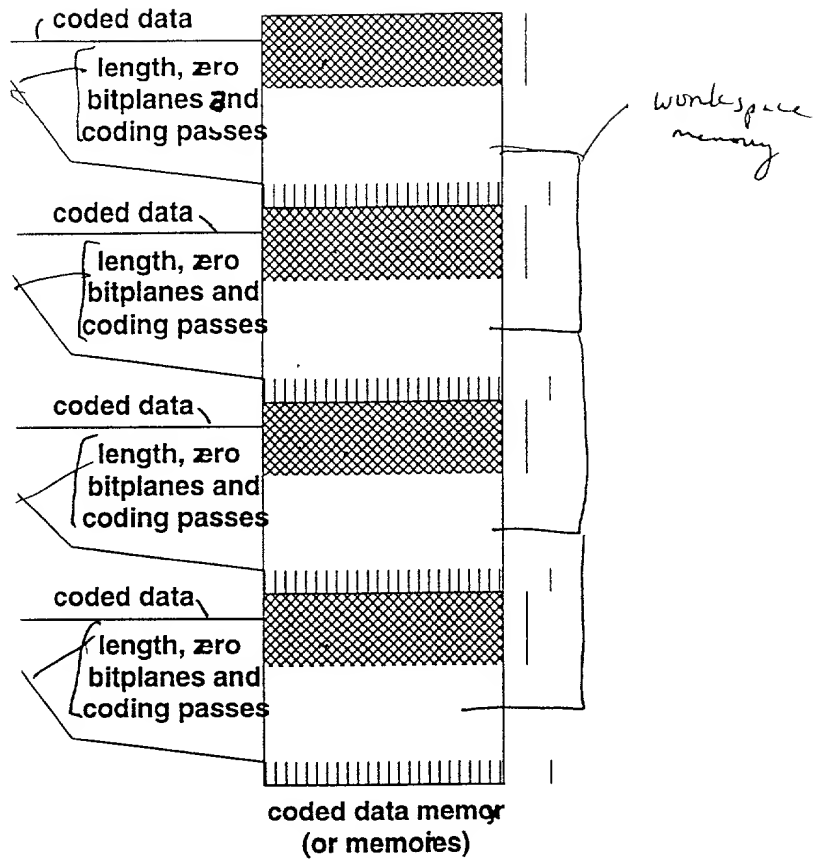


Figure 21

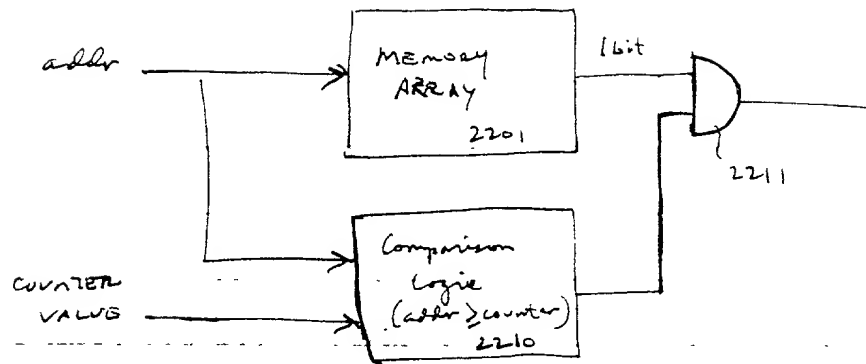
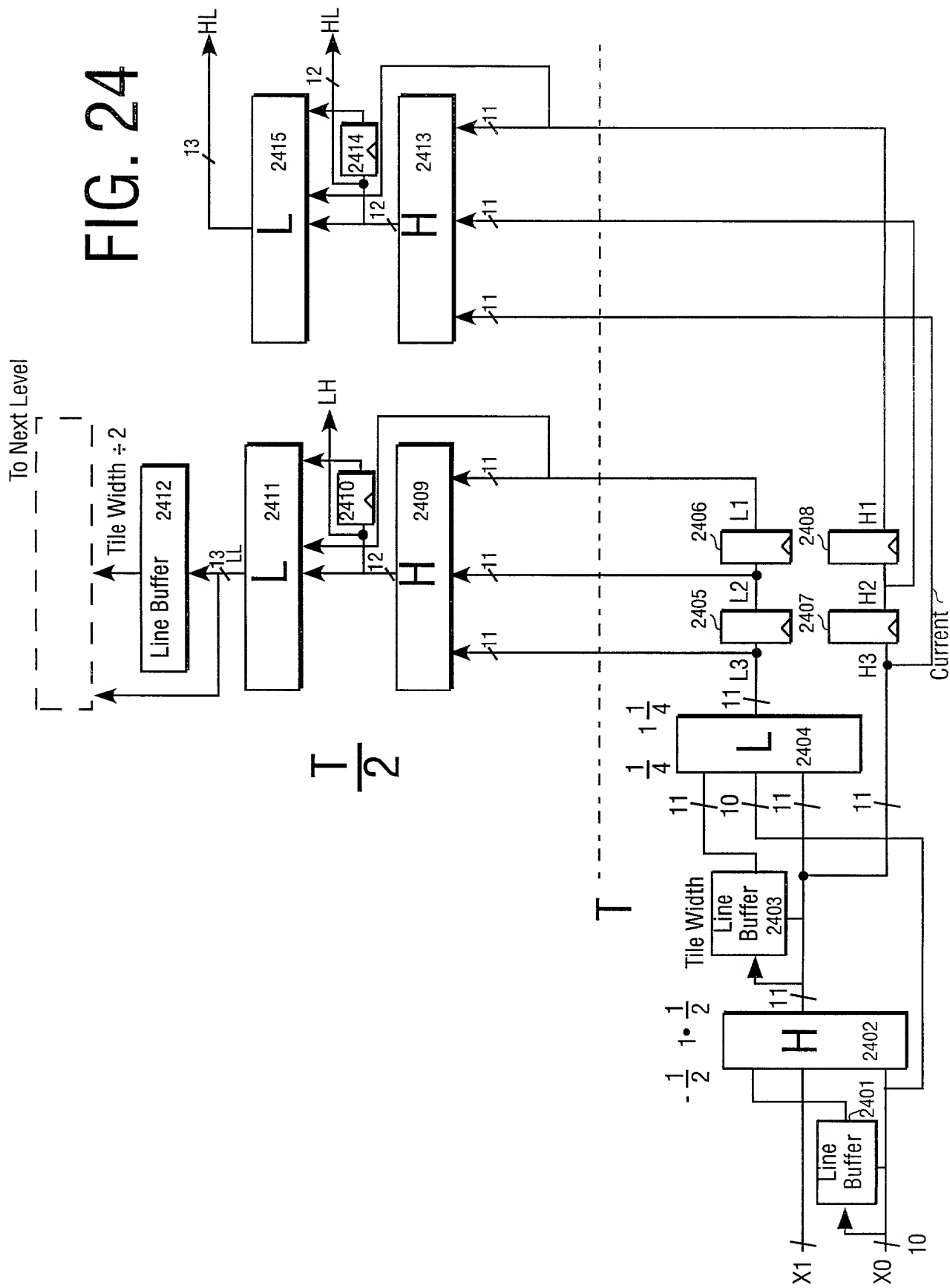


Figure 22B

FIG. 24



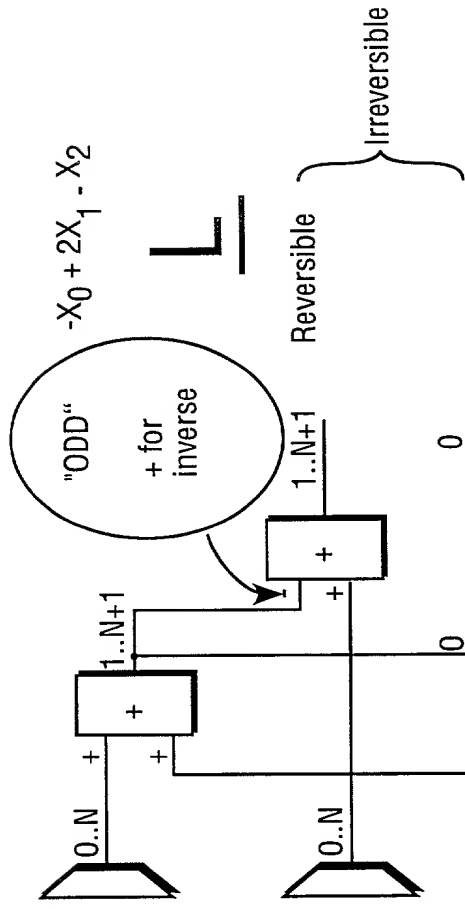


FIG. 25B

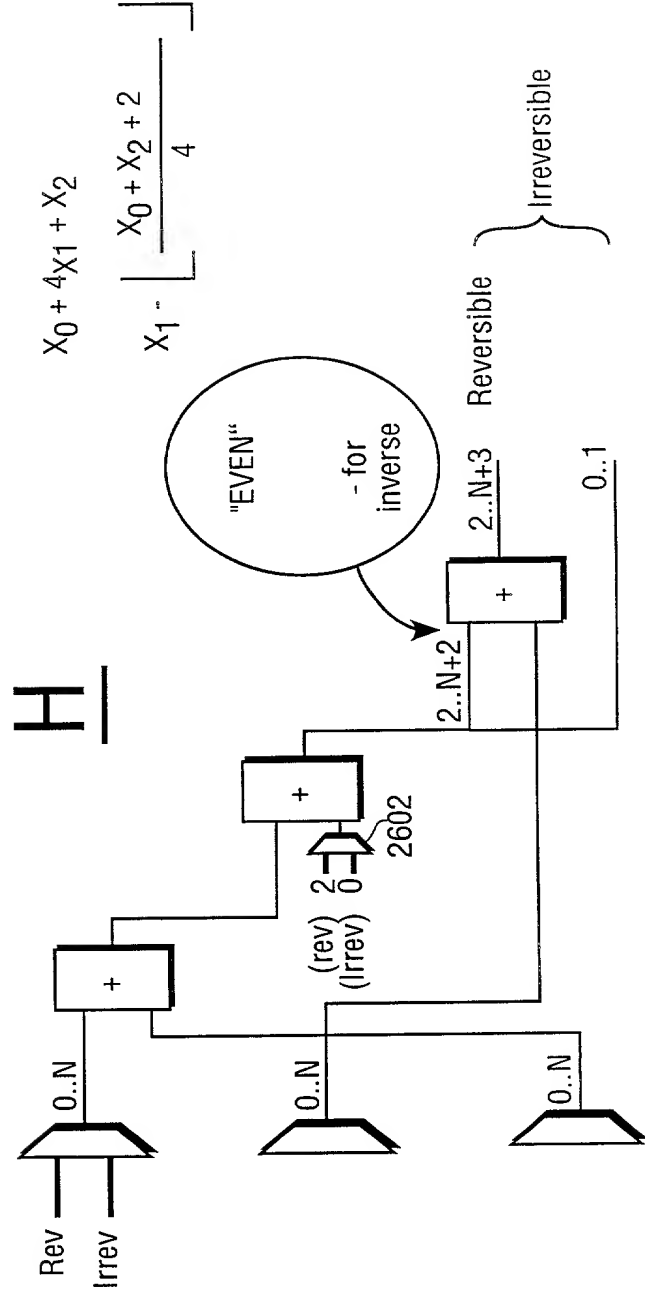
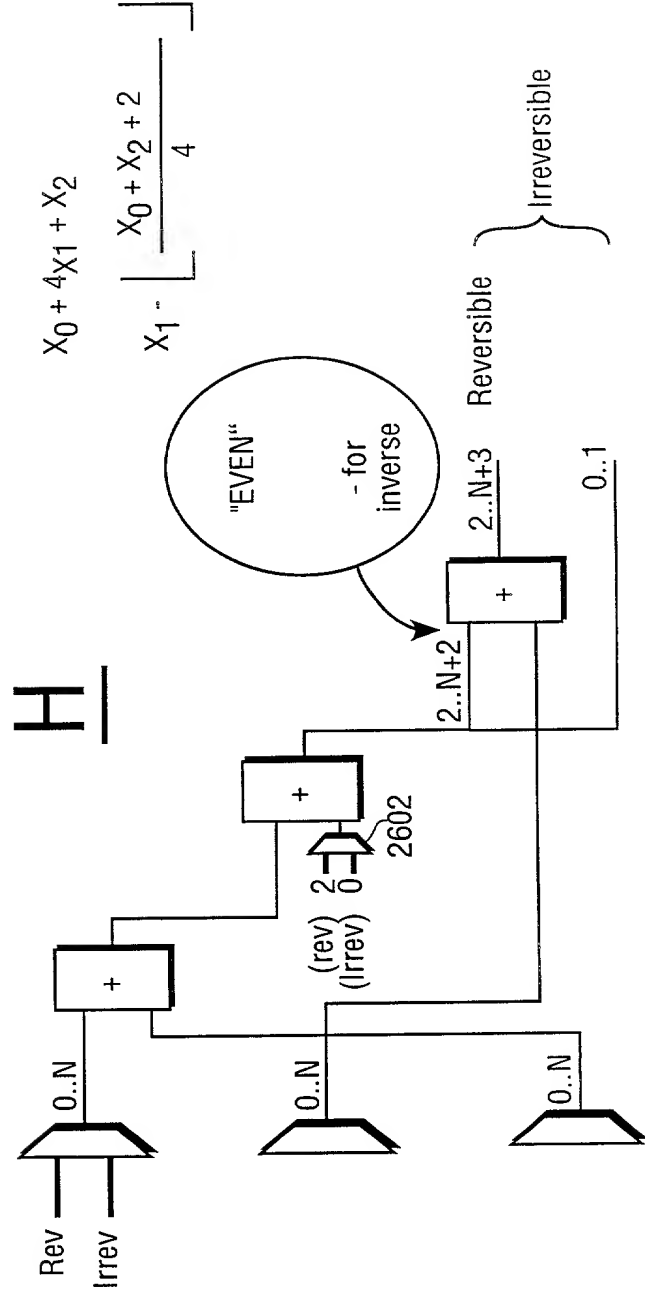


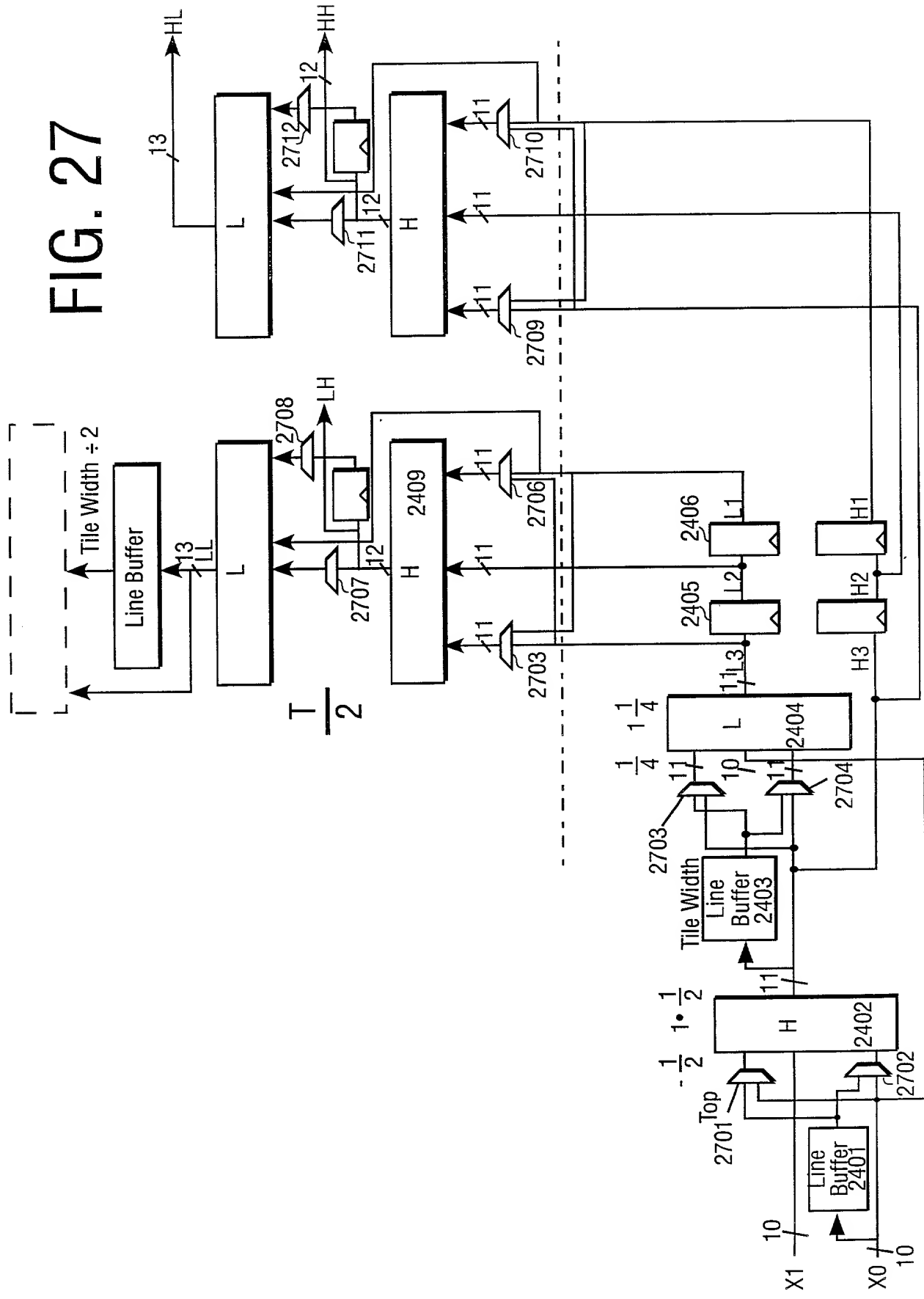
FIG. 26B



H

$$X_0 + 4X_1 + X_2$$

$$X_1 - \left[\frac{X_0 + X_2 + 2}{4} \right]$$



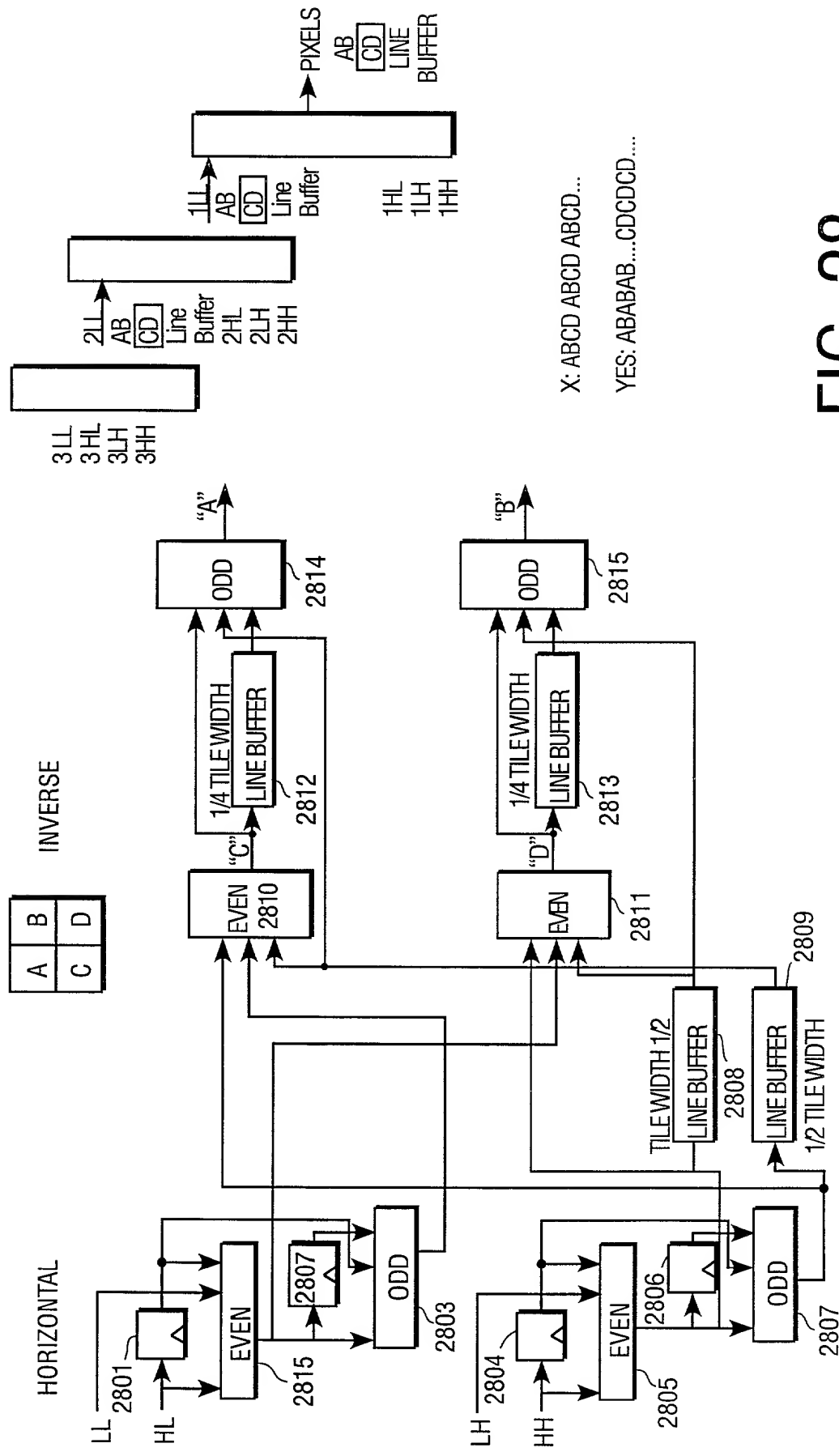
[illegible]

FIG. 28

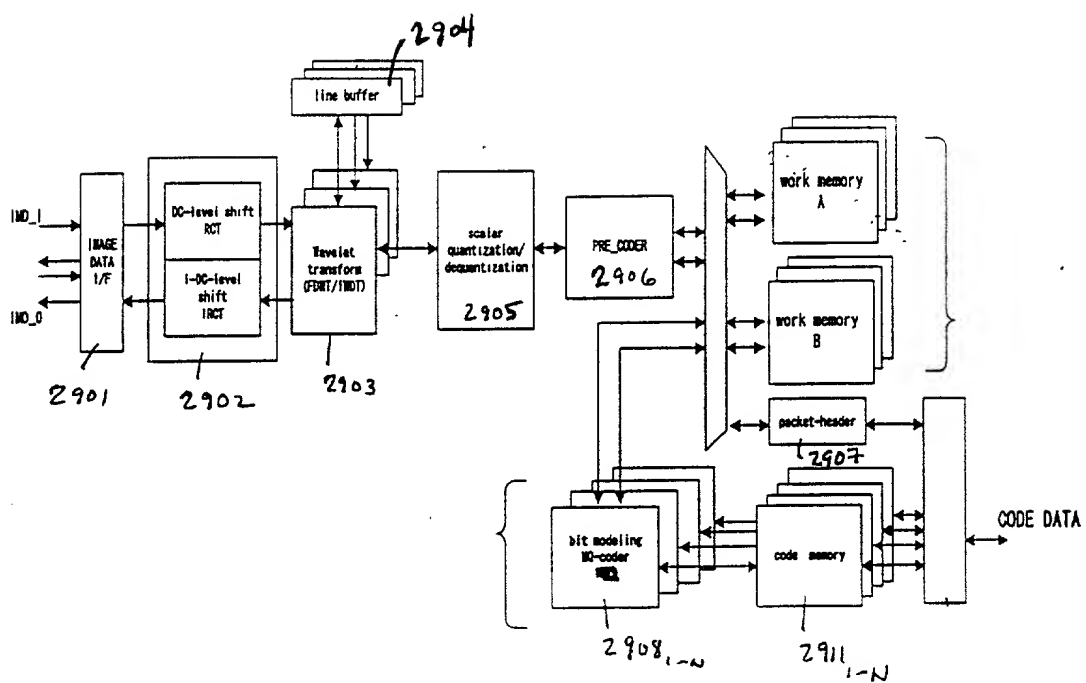


Figure 29

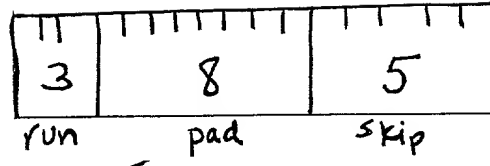


Figure 30

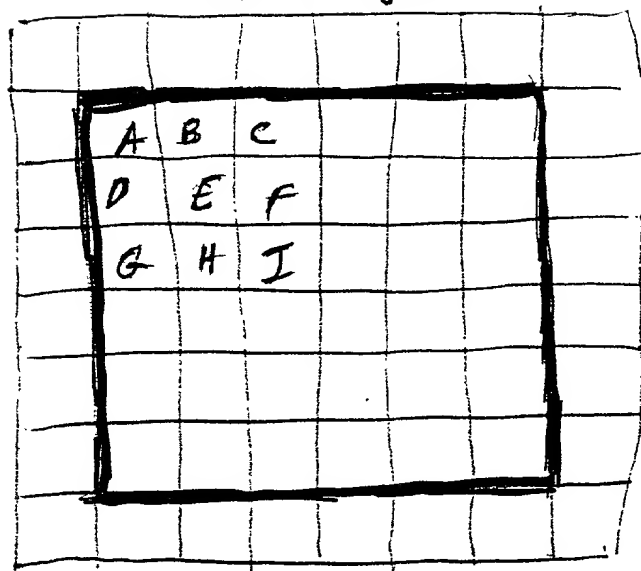
[illegible]

Figure 31

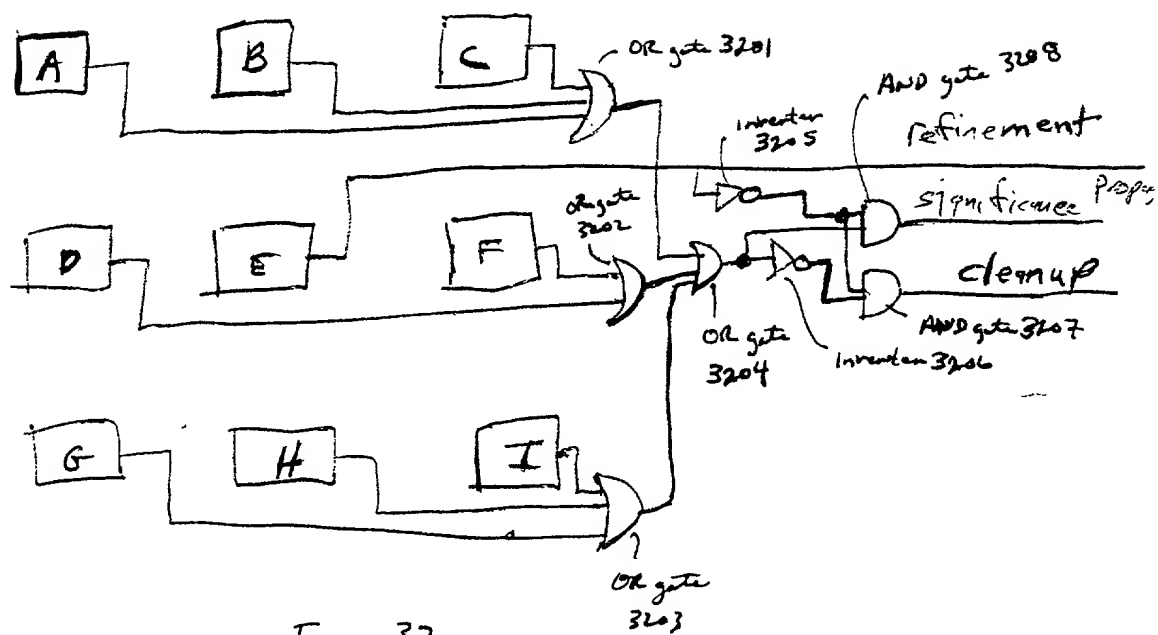


Figure 32